



CUSTOMER/CLIENTE
KILKENNY WELDING SUPPLIES
CUFFESGRANGE Co KILKENNY
KILKENNY IRLANDA

DELIVERY:
KWS HIRE
TIMAHOE ROAD
PORTLAOISE, CO. LAOIS R32 T447 IRLANDA

MTC - INSPECTION CERTIFICATE (3.1) Analisi chimica / Chemical analysis of wire
TEST REPORT (2.2) Caratteristiche Meccaniche / Mechanical properties

Cert n° : 20070W48750001001 ORDINE n° PL010496 COLATA / BATCH n°: 641122 DATA / DATE: 08/07/2026

NOME DEL PRODOTTO / PRODUCT NAME: NOVOFIL SG2

STANDARD CLASSIFICATION: AWS A5.18: ER70S-6 | EN ISO 14341-A: G 3Si1 | G 38 3 C1 3Si1 | G 42 4 M21 3Si1
CSA W48 | B-G 49A 5 C1 S6 | B-G 49A 3 M21 S6

DETTAGLI PRODOTTI / PRODUCT DETAILS:

DIAM. 1.00mm S300 15KG (Kg.11.880)

DIAM. 1.20mm S300 15KG (Kg.5.400)

DIAM. 1.00mm S300 15KG (Kg.2.160)

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

Acc. to EN 10204 - 3.1

C	Si	Mn	P	S	Cu	Mo	Ni	Al	N	V	Ti
0.073	0.880	1.458	0.011	0.017	0.078	0.022	0.078	0.002	0.0049	0.003	0.11

MECHANICAL PROPERTIES OF ALL WELD METAL | CARATTERISTICHE MECCANICHE

(Shielding gas 80% Argon + 20% CO₂, and 100% CO₂) | Typical data / acc. to EN 10204 - 2.2

	M21		C1
	Value/Valore	STAND	STAND
Yield strength Re / Snervamento	470 Mpa	> 420 Mpa	>400 Mpa
Tensile strength Rm / Carico di Rottura	560 Mpa	> 500 Mpa	>480 Mpa
Elongation A5d / Allungamento	26%	> 20%	>20%
Impact test Kv (-40°C) / Resilienza	60 J	> 47 J	-
Impact test Kv (-30°C) / Resilienza	70 J	> 47 J	>47 J
Impact test Kv (-20°C) / Resilienza	80 J	> 47 J	>47 J
Impact test Kv (+20°C) / Resilienza	80 J	> 47 J	>47 J

COMMENT:

We hereby confirm that the material herein described has been manufactured, sampled, tested and inspected in accordance with referred standards. Product supplied under a QA Programme fulfilling the EN ISO 9001 standard. This certificate is produced electronically and is valid without signature.

RSGQ
GAETANO PARENTE

PORBY/DE
DPT. QUALITY



0035-CPR-C606

Mod. P4 - 15

Rev. 1 del 2019

REF.DOP:NOVOFILSG2

UE n.1214/2023: The production factor used for our products do not have Russian origin.

NOVOFIL S.p.A.

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